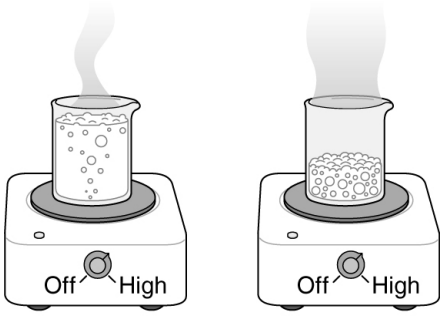
Name _____ Date _____

Unit 5

Lesson 2 Quiz

How Does Matter Change?

1 Micah placed a beaker of water on a hot plate. When bubbles started forming in the water, he made the first sketch. After 5 min, he made the second sketch.



What happened during the 5 min that Micah was observing the beaker of water?

- (A) Water was changed into energy during a chemical change.
- (B) Water was changed into a different state during a physical change.
- (C) Water was changed into a different material during a physical change.
- (D) Water was changed into a different material during a chemical change.

2 The rails on a railroad track have small gaps between sections of metal rails. Why are these gaps needed?

- (F) They allow the metal to expand when it is heated without bending the rails.
- (G) They allow the metal to expand when it is cooled without bending the rails.
- (H) They keep the rails from touching and reacting with one another.
- (I) They help chemical reactions between the rails and air happen faster.

3 Wilson made a list of activities that involve a chemical change. Which of these changes should be included on his list?

- (A) ringing a bell
- (B) making ice cubes
- (C) picking up rocks
- (D) making pancakes

4 Jo made a table of chemical changes and physical changes.

Chemical changes	Physical changes
burning leaves	tearing paper
toasting a bagel	sharpening a pencil
baking a loaf of bread	pouring milk into a glass
crumpling aluminum foil into a ball	freezing water into ice cubes

Which is in the wrong column?

- (F) sharpening a pencil
- (G) baking a loaf of bread
- (H) pouring milk into a glass
- (I) crumpling aluminum foil into a ball.

5 Which of the following represents a physical change?

- (A) 
- (B) 
- (C) 
- (D)